

Subpart D—Construction of Windows, Visibility, and Operability of Coverings

§ 127.410 Safety-glazing materials.

Glass and other glazing material used in windows must be material that will not break into dangerous fragments if fractured.

§ 127.420 Strength.

Each window or porthole, and its means of attachment to the hull or the deckhouse, must be capable of withstanding the maximum expected load from wave and wind conditions, due to its location on the OSV and the authorized route of the vessel.

§ 127.430 Visibility from pilothouse.

(a) Windows and other openings at the pilothouse must be of sufficient size and properly located to provide adequate view for safe operation in any condition.

(b) Glass or other glazing material used in windows at the pilothouse must have a light transmission of at least 70 percent according to Test 2 of ANSI Z26.1, "Code for Safety Glazing Materials for Glazing Motor Vehicles Operating on Land Highways," and must comply with Test 15 of ANSI Z26.1 for Class I Optical Deviation.

§ 127.440 Operability of window coverings.

Any covering or protection placed over a window or porthole must be able to be readily removed or opened. It must be possible to open or remove the covering or protection without anyone's having to go onto a weather deck.

PART 128—MARINE ENGINEERING: EQUIPMENT AND SYSTEMS

Subpart A—General

Sec.

128.110 Equipment and systems.

128.120 Plan approval.

128.130 Vital systems.

Subpart B—Materials and Pressure Design

128.210 Class II vital systems—materials.

128.220 Class II non-vital systems—materials and pressure design.

128.230 Penetrations of hulls and watertight bulkheads—materials and pressure design.

128.240 Hydraulic and pneumatic power and control—materials and pressure design.

Subpart C—Main and Auxiliary Machinery

128.310 Fuel.

128.320 Exhaust systems.

Subpart D—Design Requirements for Specific Systems

128.410 Ship's service refrigeration systems.

128.420 Keel-cooler installations.

128.430 Grid-cooler installations.

128.440 Bilge systems.

128.450 Liquid-mud systems.

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Subpart A—General

§ 128.110 Equipment and systems.

(a) Except as provided by this part, the design, installation, testing, and inspection of materials, machinery, pressure vessels, and piping must comply with subchapter F of this chapter.

(b) This part contains requirements for equipment and systems commonly found on an OSV. If additional or unique systems, such as for low-temperature cargoes, are to be installed, they too must comply with subchapter F of this chapter.

§ 128.120 Plan approval.

The plans required by subchapter F of this chapter need not be submitted if the plans listed by § 127.110(d) of this subchapter have been submitted.

§ 128.130 Vital systems.

(a) Vital systems are those systems that are vital to a vessel's survivability and safety. For the purpose of this subchapter, the following are vital systems:

(1) Systems for fill, transfer, and service of fuel oil.

(2) Fire-main systems.

(3) Fixed gaseous fire-extinguishing systems.

(4) Bilge systems.

(5) Ballast systems.

(6) Steering systems and steering-control systems.